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JC714 U.S. PTO

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JC675 U.S. PTO  
09/410898  
10/02/99

Box Patent Application  
Assistant Commissioner for Patents  
Washington, D. C. 20231

Sir:

Enclosed herewith for filing is the following utility patent application:

Applicant: Uri Cohen

Title of Application: Seed Layers for Interconnects and Methods for Fabricating Such Seed Layers

Pages of specification: 21 Sheets of drawing: 2

**PATENT APPLICATION FILING FEE CALCULATION**

	<u>No. Filed</u>	<u>Less</u>	<u>Rate/Claim</u>	<u>Fee</u>
Total Claims	38	- 20	\$9.00	\$162.00
Independent Claims	5	- 03	\$39.00	\$ 78.00
			Minimum Filing Fee	\$ 380.00
			<b>TOTAL FILING FEE</b>	<b>\$ 620.00</b>

My check in the amount of the total filing fee is enclosed herewith.

Also enclosed herewith for filing in connection with the enclosed application are:

a Declaration, an Information Disclosure Statement, and a Verified Statement Claiming Small Entity Status.

Dated: October 2, 1999 Uri Cohen  
Uri Cohen  
(650) 494-0268

UC:pc  
Enc.


**CERTIFICATE OF MAILING BY EXPRESS MAIL**

I hereby certify that this correspondence is being deposited in the United States Postal Service as Express Mail, Post Office to Addressee, in an envelope addressed to Box Patent Application, Assistant Commissioner for Patents, Washington, D.C. 20231, on October 2, 1999. The Express Mail mailing label number is EJ 823 775 920 US.

Date: October 2, 1999 Uri Cohen  
Uri Cohen

1. The first part of the paper is devoted to the study of the properties of the function  $f(x)$  defined by the equation  $f(x) = \int_0^x f(t) dt$ . It is shown that  $f(x)$  is a continuous function and that it satisfies the functional equation  $f(x+y) = f(x) + f(y)$ . The function  $f(x)$  is also shown to be differentiable and its derivative is found to be  $f'(x) = f(x)$ . This implies that  $f(x) = Ce^x$  for some constant  $C$ . The value of  $C$  is determined by the initial condition  $f(0) = 1$ , which gives  $C = 1$ . Therefore, the function  $f(x)$  is  $f(x) = e^x$ .

Date:

  
Uri Cohen

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